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Bunner & Witcoff Rel. No. Client Ref. No.

01107.\$2346

DM-3449

### SUBSTITUTE JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hareby declare that:

Our regulence, post office address and citizenship are as stated below next to our names:
We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is

(if s	applicable). Index sha Pitter	. Coope	plication Serial Number	nd accorded Internation	•
We hereby state that vis.	we have reviewe sendment referre	d and und	derstand the contents <b>of</b> the	he above-identified spec	
We hereby acknowle of Federal Regulations,	dge the duty to d a1.56(a).	isclose ir	nformation which is mate	rial to patentability in ac	cordance with I illo
We lieschy claim for nt or inventor's certificate ficate baving a filing date	eign priority bet	nefits und ad have a	oreign Application ( for Title 35. United State Also identified below any action on which priority i	es Code, ∋119 of ≥ny for • foreign application(s) i	rcign application(s for patcut or inven
Соинцу	Application	ı No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claime Under 35 U.S.C §119
We hereby claim pried helow	Prior Uni ionity benefits w	ited Sta	ites Provisional App 35, United States Code,	, 9119(a)(1) of any U.S.	
	tion No.	(	Date of Filing day month year)		ry Claimed I.S.C. §119(e)(1)
U.S. Provisional Applica			08/20/98		Y±s
U.S Provisional Applica 69/097,307					
	e benefit under i mer of euch of th first paragraph of tie 37. Code of l	Title 35. V he claims f Title 35 Federal R	, United States Code, all Legalations, all 56(a) whi	of any United States applied scienced in the prior United greather the coursed between the coursed between the coursed between the coursed between the course of the cours	uted States applicated by

Page 1 of 3

Banner & Withoff Ref. No Client Ref. No.

01167.82346 DM-3419

#### Power of Attorney

And we liereby appoint, hoth jointly and severally, as our attorneys with full power of substitution and revocation, to prospected this application and to transact all business in the Paten; and Trademark Office connected herewith the following at anomeys and agents, their registration numbers being listed after their names;

ALTHERR, Robert F. HANNER, Donald W. BANNER, Mark T. BANNER, Mark T. BECKEN, Matthew P. BECKETT, William W. BERCHAMMER, Joseph J. BODINER, Jordan RURDW, Sonta A. CALLAHAN, Batter Y. CHANG, Stoke S. COHAN, Greyofy J. COUFFRMAN, Mark S. CURTIN, Joseph P. DAVID, Michael DeMOOR, Larra J. EVANS, Thomas J. FELDORCCHIKO, Gary D. FERGUSON, Contenting A. FISHER, William J. GLEMEOCKI, Contentibut R. HANLON, Bound E. HANLON, Bound E. HANLON, Bound E. HANLON, Bound E.	31,810 17,037 29,888 33,644 45,851 18,762 45,057 42,3373 20,095 42,402 40,959 34,143 34,571 44,674 39,634 35,509 40,877 46,699 32,133 38,500 40,149 42,653	HONG, Patricis E. KOSCHEIT, Date H HYMEL, Lin J. IWANICKI, John P. JACKSON, Thornes H. KAGAN, Sarah A. KATZ, Robert S. KI EIN, William J. KRAUSE, Joseph P. LINEK, Emest V. MALONE, Date A. MANNAVA, Achor K. MAPLE, Mano-Claire B. MAY, Seven A. MIDERMOTT, Peles D. McKEE, Christopher L. Niekte, Christopher L. NIEKE, Edward F. MEDLOCK, Nina L. MEECE, T. mody C. MEEKER, Frederic M. MILLEM, Clairled L. MTRUS, Janice V. MOREND, Christopher P. MOTTLEY, Darrell G.	34.373 12.090 45.414 34.622 29.836 32.141 36.402 43.719 32.578 29.872 32.155 45.301 37.588 41.912 29.411 32.384 17.335 29,473 35.282 43.805 43.805 43.805 43.805 43.805 43.805	NELSON, Jon O NIEGOWSKI, James A. FATEL Binal J. PATHAK App S. PETERSON, Thomas L. POTENZA, Joseph M. PRATT, Tromas K. RENK, Christopher J. R2SIS, Robert H. RIVARD, Paul M. ROBINSON, Doughs W. SCHAD, Steven P. SHIPLEY, Charles W. SHULL Jisson SKPRPON, Joseph M. STOCKLEY, D. J. VAN ES, J. Pieter WITCOPF, Shebion W. WOI FFF, Franklin D. WOLFFE, Sosan A. WRIGHT, Bridley C.	24.56n 28.331 42.263 35.260 30.963 27.170 33.761 32.164 43.446 32.751 32.510 28.042 47.082 29.864 74.257 37.746 17.390 19.722 33.559 35.061
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All correspondence and relephone communications abould be addressed to:

Banner & Witcoff, Ltd. Customer Number: 22907 (WDC)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willfu! false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1901 of Title 18 of the United States Code and that such willful false statements may reoperdize the validity of the application or any patent issuing thickeon.

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Full Name of Second Inventor  Residence Bultimore Maryland	VOGELSTEIN Family Name	First Given Name Citizenship Unite	Second Given Name d States of America
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BANNER & WITCOFF, LID

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Signature Date 10/2/cl  Signature Full Nature of Third Inventor KINZUER Kenneth W.  Family Name First Given Name Second Given Name Citizenship United States of America Post Office Address 1403 Halkirk Way, RelAir, Maryland 21015	
Post Office Address	

Banner & Wittoff Ref. No:

01107.82346 DM-3449

Client Ref. No.

#### SUBSTITUTE JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

intached herem.  Intached intached here interested here have revolved any amendment resultations.  Intached here interested here.  In a second here in a second here.	Patent Coope filed	pplication Serial Number restion Treaty (PCT) and amended or derstand the contents of two.  Information which is materially identified below any sation on which priority in the priority in t	and accorded Internation (if any).  the above-identified special to patentability in a code, 9119 of any for foreign application(s)	s amended on  ional  crification, including the  coordance with Trile 37,	
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claim foreign priorit certificate listed belo lling date before tha	Prior For y benefits und to w and have a to of the application of th	preign Application( fer Title 35, United State also identified below any action on which priority in Date of Filing	g)  sa Code, 9119 of any for foreign application(s) is claimed:  Date of Issue	reign application(s) for patent or inventor;  Priority Claimed Under 35 U.S.C	
certificate listed being ling date before the	ry benefits that ow and have a or of the applic	ter Title 35, United State liso identified below any sation on which priority i	rs Code, 9119 of any for foreign application(s) is claimed:  Date of Issue	Priority Claimed Under 35 U.S.C	
Applie	ention No.	•		Under 35 U.S.C	
Applie	ation No.	•		<b>5</b> 119	
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Prior claim priority benef	United Sta	tes Provisional App 35, United States Code,	plication(s) , ±119(e)(1) of any U.S.	provisional applicatio	
Application No.		Date of Filing day month year)	1	ity Claimed J.S.C. §119(e)(1)	
7,307	`	08/20/98		Yes	
object matter of each d by the first paragra and in Title 37, Code	ider Title 35. U of the claims ph of Title 35. e of Federal R	Frited States Code, \$120 of this application is not United States Code, \$11 egulations, \$1.56(a) whi	of any United States ap disclosed in the prior Un 2, we acknowledge the ich occurred between the	ation States application i duty to disclose materi	
on Serial No.		Date of Filing Day, Month. Year)		x Patented, g. Abundoned	
: 02	Application No. 7,307 claim the benefit un object matter of each d by the first paragra and in Title 37, Cod- national or PCT inter	Application No.  Application No.  Prior Units claim the benefit under Title 35. It abject matter of each of the claims of by the first puragraph of Title 35, and in Title 37, Code of Federal Research of PCT international filing	Date of Filing (day month year)  7,307  Prior United States Application claim the benefit under Title 35, United States Code, \$120 object matter of each of the claims of this application is noted by the first paragraph of Title 35, United States Code, \$120 and in Title 37, Code of Federal Regulations, \$1.56(a) which matterial or PCT international filing date of this application.  Date of Filing	Application No. (day month year)  Os/20/98  Prior United States Application(s)  claim the benefit under Title 35. United States Code, \$120 of any United States application is not disclosed in the prior United by the first paragraph of Title 35. United States Code, \$112, we acknowledge the ded in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the national or PCT international filling date of this application:  Date of Filing  States  S	





Banner & Witcoff Ref. No. Client Ref. No.

01107.82346 DM-3449

Power of Atterney

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Parent and Trademark Office connected herewith the following a: attorneys and agents, their registration numbers being listed after their names:

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	29,283	HYMEL Lin I.	45,414	PATEL Binel !-	38,256
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BODNER, Jordan	62,338		32.578	RESS, Robert H.	32,168
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	33,805	McKIE, Edward F.	17,335	VAN ES, J. Pieter	17.399
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HANLON, Brien E.	40,449	MOTTLEY, Darrell G.	42,912		
HEMMENDINGER, List M.	42,653	MOTILE (, Dates C.		•	

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Banner & Witcoff, Ltd.

Customer Number: 22907 (VDC)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are panishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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HANNER & WITCOFF, LTD.			Rev 1.0 8-1	<del>2.3000</del>





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BANNER & WITCOFF, LTD.

Rev 1.0 6-17-2000